

A data storage device that may be connected directly to a power integrated network includes a network interface configured to communicate with the power integrated network and a memory configured to store data. The data storage device also includes a control module to control the transmission of data from the memory to the power integrated network and the storage of data received from the power integrated network in the memory. A power module in the data storage device receives power from the power integrated network. The power module converts the power received from the power integrated network to a voltage level that may be used to power the data storage device.